



JP7158395

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**WATERPROOF SHEET FIXING DISC**

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Abstract

PURPOSE: To eliminate an adhesion fault by impressing a high frequency electric current to heat and melt an adhesive material after the high frequency induction heating adhesive material is laminated on the surface of a disc of resin capable of being welded by heat to temporarily fix a waterproof sheet.

CONSTITUTION: A disc 2 formed of heatedly weldable resin such as polyethylene, etc., and laminated a high frequency induction heating adhesive material 4 on the surface thereof is fixed to a tentative lining surface 2 of a tunnel with a nail 3, etc. After that, a waterproof sheet 5 formed of thermoplastic resin is spread, and it is temporarily welded to the disc 2 with an electric iron, etc. After that, a work coil 6 is placed on the surface of the waterproof sheet 5 to impress a high frequency electric current through a high frequency transmitter 7, the adhesive material 4 is heated and melted, and the waterproof sheet 5 is adhered to the disc 2. According the constitution, the damage in the sheet in the case of welding is prevented and, at the same time, an adhesion fault can be eliminated.

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